

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

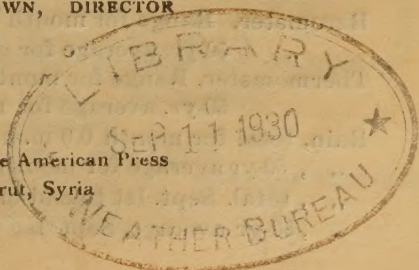
LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

JUNE, 1930

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria



JUNE 1930

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	59.2	58.5	58.1	58.6	28.3	19.7	24.7	27.1	23.3	25.0
2	7.6	6.5	7.2	7.1	28.7	19.7	25.4	27.8	22.5	25.2
3	7.7	7.3	7.6	7.5	29.2	21.0	25.8	28.6	22.7	25.7
4	5.8	5.5	8.6	6.6	29.3	20.2	26.7	28.5	23.4	26.2
5	8.5	5.5	7.8	7.3	29.1	20.6	26.1	26.8	23.2	25.4
6	56.9	56.6	56.6	56.7	29.4	27.1	26.1	28.9	23.8	26.3
7	7.6	7.8	9.4	8.3	30.1	21.7	25.6	29.5	23.8	26.3
8	60.3	60.2	61.1	60.5	29.9	22.2	26.7	28.6	23.7	26.3
9	1.0	0.3	0.6	0.6	30.4	21.8	26.9	30.2	23.9	27.0
10	0.1	59.3	59.3	59.6	31.7	20.1	27.4	30.9	25.2	27.8
11	58.4	58.1	57.6	58.0	33.9	20.3	29.8	33.1	26.9	29.9
12	8.8	8.1	8.5	8.5	30.2	23.3	27.1	29.2	23.6	26.7
13	6.7	5.8	5.8	6.1	29.2	22.2	25.8	28.1	23.1	25.7
14	4.2	4.7	5.5	4.8	29.0	21.7	26.3	27.6	23.1	25.7
15	6.7	6.2	4.8	5.9	30.0	20.2	26.7	27.8	23.2	25.9
16	49.7	52.4	55.5	52.5	31.2	22.7	28.1	29.1	23.9	27.0
17	57.4	8.4	9.7	8.5	30.0	21.2	26.7	28.6	23.2	26.2
18	60.9	61.4	61.0	61.1	29.3	20.6	26.1	27.9	23.3	25.8
19	1.4	0.7	1.2	1.1	28.9	21.7	27.4	27.8	23.6	26.3
20	0.4	59.3	59.4	59.7	29.4	21.1	25.7	28.9	21.1	26.2
21	58.1	57.8	58.4	58.1	29.4	21.0	26.4	28.6	23.2	26.1
22	7.7	7.4	6.9	7.3	29.2	20.6	26.1	28.1	23.6	25.9
23	5.3	3.6	5.5	4.8	30.4	21.7	27.1	29.3	24.4	26.9
24	6.5	5.8	5.5	5.9	30.0	22.2	27.1	29.4	23.9	26.8
25	5.7	5.3	5.5	5.5	29.8	21.5	27.1	28.7	23.2	26.3
26	56.0	56.3	56.6	56.3	30.7	21.1	26.5	30.2	24.8	27.2
27	7.5	7.3	7.0	7.3	31.7	21.7	27.7	31.0	24.8	27.8
28	7.5	7.1	7.2	7.3	31.3	21.7	27.4	30.3	26.1	27.9
29	6.7	5.8	5.7	6.0	31.0	21.1	27.8	30.1	24.5	27.4
30	4.5	3.4	3.2	3.7	30.8	21.0	26.7	27.7	24.4	26.3
	57.48	57.08	57.56	57.38	30.05	21.14	26.70	28.94	23.88	26.51

Barometer, Range for month 749.7-761.4 m.m.

„ 50-yr. average for month 758.15 m.m.

Thermometer, Range for month 19°-7-33°-9

„ 50-yr. average for month 25°-38

Rain, total for month 0.0 m.m.

„ , 50-yr average for month 3.81m.m.

„ , total. Sept. 1st to end of month 689.13m.m.

„ , 50-yr average, Sept 1st to end of month. 906.54mm.

JUNE 1930

METEOROLOGICAL REGISTER

	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	21.8	22.5	20.0	17.0	16.8	14.9	16.2	74	63	70	69	12.6	
2	21.9	23.4	21.1	17.0	18.9	17.4	17.8	70	64	86	73	11.4	
3	21.9	23.6	21.1	16.7	17.7	17.2	17.2	67	61	84	71	11.5	
4	22.4	23.9	21.6	16.8	18.4	17.7	17.6	64	63	83	70	12.8	
5	22.7	24.1	21.8	18.9	18.5	18.1	18.5	71	63	85	73	12.0	
6	23.2	24.5	22.5	18.6	19.2	19.2	19.0	73	64	87	75	12.8	
7	22.4	24.4	21.5	17.7	18.7	17.2	17.8	73	61	77	70	12.6	
8	22.4	23.9	22.2	16.8	18.2	18.6	17.9	64	62	85	70	12.4	
9	21.4	25.2	22.2	15.0	19.6	18.5	17.7	56	61	84	67	9.6	
10	23.5	24.3	21.6	18.4	17.4	16.4	17.4	68	52	69	63	11.8	
11	23.2	25.3	23.5	18.8	17.9	18.7	18.5	52	48	70	57	12.2	
12	22.9	23.9	21.2	17.4	18.0	16.8	17.4	65	59	77	67	11.8	
13	22.2	22.5	20.3	17.0	16.2	15.6	16.3	69	57	75	67	10.2	
14	22.4	23.2	20.5	17.1	17.6	15.9	16.9	67	64	77	69	11.8	
15	22.4	23.1	21.1	16.8	17.3	16.9	17.0	64	62	80	69	12.0	
16	23.4	24.4	21.8	17.7	18.8	17.8	18.1	63	63	81	69	10.6	
17	22.5	23.9	21.1	17.0	18.1	17.9	17.7	65	62	80	69	12.4	
18	22.4	23.8	21.3	17.3	18.5	17.2	17.7	69	66	81	72	12.0	
19	22.9	23.4	21.4	17.3	17.9	18.2	17.8	64	64	80	69	12.0	
20	22.4	23.8	21.7	17.6	18.0	17.3	17.6	72	60	77	70	12.5	
21	22.2	23.5	20.9	16.6	17.6	16.6	16.9	65	61	79	68	12.4	
22	21.8	22.7	21.1	16.4	16.5	16.6	16.5	64	58	77	66	12.4	
23	23.7	24.4	22.4	16.5	18.7	18.6	17.9	72	63	81	72	11.8	
24	22.1	23.8	21.4	16.0	17.7	17.0	16.9	60	58	77	65	12.0	
25	22.5	23.4	21.1	16.8	17.2	16.9	17.0	63	57	80	67	12.5	
26	22.6	21.9	22.4	17.4	14.1	18.1	16.5	67	44	78	63	13.0	
27	23.9	23.8	22.1	18.9	16.6	17.6	17.7	68	50	75	64	12.8	
28	23.1	22.4	23.8	17.5	14.8	20.1	17.5	64	45	80	63	13.0	
29	23.9	25.2	22.6	18.9	19.7	18.7	19.1	68	62	82	71	13.0	
30	22.9	24.1	21.1	17.8	19.3	16.1	17.7	68	70	71	70	13.0	
	22.63	23.74	21.61	17.32	17.80	17.46	17.53	66.3	59.6	78.9	68.3	12.09	

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Rim of Rain Gauge: above ground 0.56 n.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

JUNE 1930

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	2stcu	0	0	0.7	1sw	1sw	0	183.7	light	
2	1stcu	1cu	6cist	2.7	1sw	1sw	0	249.3	light	
3	2st	1cu	0	1.0	1sw	2sw	0	250.9	light	haze all day
4	0	2stcu	0	0.7	2sw	2sw	0	281.8	mod.	
5	8ci	1stcu	0	3.0	0	2sw	0	141.1	light	
6	0	0	4ci	1.3	1sw	1sw	0	126.0	"	haze in a.m.
7	1stcu	4st	0	1.7	3sw	2sw	2sw	603.3	slight	
8	1cu	1st	0	0.7	4sw	4sw	4sw	847.6	rough	
9	4st	0	0	1.3	3sw	3sw	1sw	609.0	slight	
10	2ci	4cist	8ci	4.7	2sw	1sw	0	351.1	mod.	haze in a.m.
11	0	0	0	0.0	2sw	1sw	2sw	550.7	mod.	sirocco
12	3stcu	4stcu	2cu	3.0	3sw	3sw	3s	716.7	slight	
13	4stcu	2stcu	0	2.0	3s	3s	2sw	591.4	"	
14	0	4stcu	0	1.3	2sw	2sw	0	460.8	"	
15	1cu	6st	0	2.3	1sw	2s	0	291.6	light	
16	8stcu	2cu	1st	3.7	1s	1sw	1sw	139.2	"	
17	1st	1cu	0	0.7	1sw	2sw	0	540.9	mod.	
18	0	1st	1st	0.7	0	1sw	0	147.0	light	
19	0	1cu	3st	1.3	0	2s	0	158.2	"	haze in a.m.
20	2stcu	0	4st	2.0	1sw	1sw	0	73.2	"	
21	2stcu	2st	6st	3.3	2sw	1sw	0	87.2	"	
22	0	0	0	0.0	1sw	1sw	0	159.5	"	
23	1st	2st	2st	1.7	1sw	2nw	1nw	127.0	"	
24	3stcu	3stcu	0	2.0	2sw	2sw	0	424.2	mod.	
25	1cu	1cu	0	0.7	2sw	2sw	0	281.3	mod.	
26	0	1cu	0	0.3	0	1nw	0	72.3	light	
27	0	1cu	0	0.3	1nw	1sw	0	173.2	light	
28	0	0	0	0.0	0	1sw	0	128.7	light	
29	1cu	0	0	0.3	2sw	2sw	1sw	258.6	light	
30	2stcu	0	0	0.7	2sw	2sw	1sw	475.0	mod.	
				1.47				316.71		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	2	22	0	1	5
14:30	0	0	0	0	3	25	0	2	0
20:30	0	0	0	0	1	8	0	1	20
Totals	0	0	0	0	6	55	0	4	25

Number of days with rain 0, fog 0, thunderstorms 0, gales 0
 50-yr average number of days with rain during month 0.8